METHOD AND APPARATUS FOR SUPPORTING A CABLE CONNECTED TO A CIRCUIT BOARD ASSEMBLY

ABSTRACT OF THE DISCLOSURE

A circuit board assembly has an attached support assembly. The support assembly includes a support, such as a handle, and a lip substantially perpendicular to the support. The lip strengthens the support such that, as a cable exerts a load on the support assembly, the lip limits deflection of the support relative to the circuit board assembly. In the case where a cable having a cable connector attaches to a port of the circuit board assembly, the support assembly minimizes displacement of the cable connector relative to the port, thereby minimizing the potential for a break in electrical connections formed between the connector and the port. The support assembly also, in such a case, minimizes strain on a wire bundle and over-molded case forming the cable, thereby limiting damage to the over-molded case and disconnection of the wire bundle to the connector that leads to losses in electrical connections formed between the circuit board assembly and computer devices connected to the circuit board assembly.